

chain nodes :

13 14

ring nodes :

1 2 3 4 5 6 7 8 9 10 11

chain bonds :

3-14 6-9 11-13

ring bonds :

1-2 1-6 2-3 3-4 4-5 5-6 7-8 7-11 8-9 9-10 10-11

exact/norm bonds :

3-14 6-9 7-8 7-11 8-9 9-10 10-11 11-13

normalized bonds :

1-2 1-6 2-3 3-4 4-5 5-6

isolated ring systems :

containing 1 : 7 :

G1:0,S

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom 11:Atom
13:Atom 14:CLASS

=> d his

(FILE 'HOME' ENTERED AT 19:08:55 ON 27 JAN 2002)

FILE 'REGISTRY' ENTERED AT 19:09:02 ON 27 JAN 2002

L1 STRUCTURE UPLOADED
L2 0 S L1
L3 0 S L1
L4 4 S L1 FULL

FILE 'CAPLUS' ENTERED AT 19:09:39 ON 27 JAN 2002

L5 4 S L4
L6 0 S L5 AND BROWN, D?/AU
L7 2 S L5 AND PD < MAY 2000

FILE 'CAOLD' ENTERED AT 19:10:43 ON 27 JAN 2002

=> s l4

L8 0 L4

Connecting via Winsock to STN

Trying 3106016892...Open

Welcome to STN International! Enter x:x
LOGINID:sssptal612BXR
PASSWORD:
TERMINAL (ENTER 1, 2, 3, OR ?):2

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=> file reg

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.15	0.15

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STRUCTURE FILE UPDATES: 25 JAN 2002 HIGHEST RN 387333-72-4
DICTIONARY FILE UPDATES: 25 JAN 2002 HIGHEST RN 387333-72-4

TSCA INFORMATION NOW CURRENT THROUGH July 7, 2001

Please note that search-term pricing does apply when conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Calculated physical property data is now available. See HELP PROPERTIES for more information. See STNote 27, Searching Properties in the CAS Registry File, for complete details:
<http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf>

The P indicator for Preparations was not generated for all of the CAS Registry Numbers that were added to the H/Z/CA/CAplus files between 12/27/01 and 1/23/02. Use of the P indicator in online and SDI searches during this period, either directly appended to a CAS Registry Number or by qualifying an L-number with /P, may have yielded incomplete results. As of 1/23/02, the situation has been resolved. Also, note that searches conducted using the PREP role indicator were not affected.

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=>
Uploading 9839424b.str

L1 STRUCTURE UPLOADED

=> d 11

L1 HAS NO ANSWERS

Structure attributes must be viewed using STN Express query preparation.

=> s 11

SAMPLE SEARCH INITIATED 19:09:22 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 154 TO ITERATE

100.0% PROCESSED 154 ITERATIONS 0 ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
PROJ. ANSWERS: 0 TO 0
PROJECTED ITERATIONS: 2336 TO 3824
PROJECTED ANSWERS: 0 TO 0

L2 0 SEA SSS SAM L1

=> s 11

SAMPLE SEARCH INITIATED 19:09:27 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 154 TO ITERATE

100.0% PROCESSED 154 ITERATIONS 0 ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
PROJECTION ITERATIONS: 2336 TO 3824
PROJECTION ANSWERS: 0 TO 0

L3 0 SEA SSS SAM L1

=> s 11 full

THE ESTIMATED SEARCH COST FOR FILE 'REGISTRY' IS 139.90 U.S. DOLLARS
DO YOU WANT TO CONTINUE WITH THIS REQUEST? (Y)/N or END:V

FULL SEARCH INITIATED 19:09:32 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 2751 TO ITERATE

100.0% PROCESSED 2751 ITERATIONS 4 ANSWERS
SEARCH TIME: 00.00.01

L4 4 SEA SSS FUL L1

=> file caplus

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	140.22	140.37

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FILE COVERS 1907 - 27 Jan 2002 VOL 136 ISS 5
FILE LAST UPDATED: 25 Jan 2002 (20020125/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

This file supports REGISTRY for direct browsing and searching of all substance data from the REGISTRY file. Enter HELP FIRST for more information.

CAplus now provides online access to patents and literature covered in CA from 1907 to the present. Bibliographic information and abstracts were added in 2001 for over 3.8 million records from 1907-1966.

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=> s 14

L5 4 L4

=> s 15 and brown, d?/au

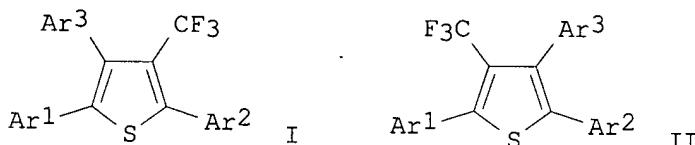
L6 6738 BROWN, D?/AU
0 L5 AND BROWN, D?/AU

=> s 15 and pd < may 2000

20460763 PD < MAY 2000
(PD<20000500)
L7 2 L5 AND PD < MAY 2000

=> d 17, ibib abs fhitstr. 1-2

L7 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2002 ACS
ACCESSION NUMBER: 1997:381452 CAPLUS
DOCUMENT NUMBER: 127:81306
TITLE: Synthesis of 2,3,5-triaryl-4-trifluoromethyl thiophenes
AUTHOR(S): Meazza, Giovanni; Zanardi, Giampaolo; Guglielmetti, Gianfranco; Piccardi, Paolo
CORPORATE SOURCE: Isagro Ricerca srl, Novara, I-28100, Italy
SOURCE: J. Fluorine Chem. (1997), 82(2), 175-180
CODEN: JFLCAR; ISSN: 0022-1139
PUBLISHER: Elsevier
DOCUMENT TYPE: Journal
LANGUAGE: English
GI



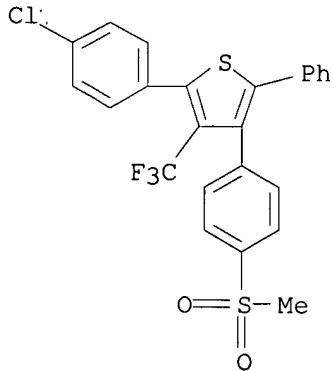
AB Triaryl- β -trifluoromethyl thiophenes I and II ($Ar_1, Ar_2 = 4\text{-ClC}_6\text{H}_4$, Ph , $Ar_3 = 4\text{-ClC}_6\text{H}_4$, $4\text{-MeC}_6\text{H}_4$, Ph , etc.) are synthesized from 1,3-dithiolium-4-olates and various substituted 1-aryl-3,3-trifluoro-1-propynes. The spectroscopic characteristics of the products and the regioselectivity of the reaction are discussed.

IT 191861-05-9P

RL: SPN (Synthetic preparation); PREP (Preparation)
(prepn. of triaryl(trifluoromethyl)thiophenes)

BN 191861-05-9 CAPTUS

CN Thiophene, 2-(4-chlorophenyl)-4-[4-(methylsulfonyl)phenyl]-5-phenyl-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



L7 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2002 ACS
 ACCESSION NUMBER: 1996:404757 CAPLUS
 DOCUMENT NUMBER: 125:67760
 TITLE: Use of inhibitors of cyclooxygenase in the treatment of neurodegenerative diseases
 INVENTOR(S): Ducharme, Yves; Gauthier, Jacques Yves; Prasit, Petpiboon; Leblanc, Yves; Wang, Zhaoxin; Leger, Serge; Therien, Michel; Hill, Raymond George; Sirinathsinghji, Dalip Jaicaran
 PATENT ASSIGNEE(S): Merck Sharp and Dohme Limited, UK; Merck Frosst Canada Inc.
 SOURCE: PCT Int. Appl., 24 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 9
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9611676	A1	19960425	WO 1995-GB2382	19951009 <--
W: AM, AT, AU, BB, BG, BR, BY, CA, CH, CN, CZ, DE, DK, EE, ES, FI, GB, GE, HU, IS, JP, KE, KG, KP, KR, KZ, LK, LR, LT, LU, LV, MD, MG, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, TJ, TM, TT				
RW: KE, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
IL 115505	A1	19991231	IL 1995-115505	19951003 <--
AU 9536139	A1	19960506	AU 1995-36139	19951009 <--
AU 715676	B2	20000210		
EP 785778	A1	19970730	EP 1995-933509	19951009 <--
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, NL, PT, SE				
JP 10507445	T2	19980721	JP 1995-512770	19951009 <--
ZA 9508558	A	19970404	ZA 1995-8558	19951011 <--
PRIORITY APPLN. INFO.:		GB 1994-20616	A 19941012	
		AU 1994-61788	A 19940310	
		WO 1995-GB2382	W 19951009	

Maybe, line 3, 36, 38, 41, 99,
Page 7, 101,

OTHER SOURCE(S): MARPAT 125:67760

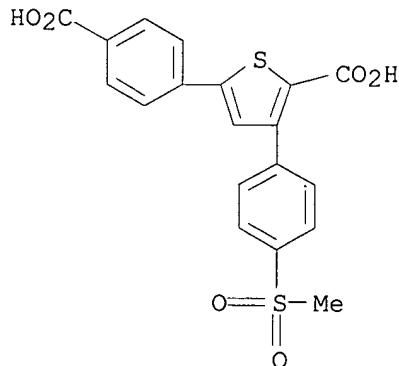
AB The invention describes a method of treating neurodegenerative disorders such as Alzheimer's Disease by using a COX-2 inhibitor.

IT 178402-35-2

RL: PEP (Physical, engineering or chemical process); THU (Therapeutic use); BIOL (Biological study); PROC (Process); USES (Uses)
(inhibitors of cyclooxygenase in the treatment of neurodegenerative diseases)

RN 178402-35-2 CAPLUS

CN 2-Thiophenecarboxylic acid, 5-(4-carboxyphenyl)-3-[4-(methylsulfonyl)phenyl]- (9CI) (CA INDEX NAME)



102 1-8, 11, 12,
13, 14, 15,
16, 31, 32, 35,
36, 37, 38, 41,
99, 101, 106-1, 13

=> file caold

COST IN U.S. DOLLARS

SINCE FILE TOTAL
ENTRY SESSION

FULL ESTIMATED COST

ENTRY SESSION
12.71 153.08

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE TOTAL
ENTRY SESSION

CA SUBSCRIBER PRICE

BNR1 SESSION =1 24 =1 24

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FILE COVERS 1907-1966

FILE LAST UPDATED: 01 May 1997 (19970501/UP)

This file contains CAS Registry Numbers for easy and accurate substance identification. Title keywords, authors, patent assignees, and patent information, e.g., patent numbers, are now searchable from 1907-1966. TIFF images of CA abstracts printed between 1907-1966 are available in the PAGE display formats.

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FILE 'REGISTRY' ENTERED AT 19:09:02 ON 27 JAN 2002

L1 STRUCTURE UPLOADED
L2 0 S L1
L3 0 S L1
L4 4 S L1 FULL

FILE 'CAPLUS' ENTERED AT 19:09:39 ON 27 JAN 2002

L5 4 S L4
L6 0 S L5 AND BROWN, D?/AU
L7 2 S L5 AND PD < MAY 2000

FILE 'CAOLD' ENTERED AT 19:10:43 ON 27 JAN 2002

=> s 14

L8 0 L4

=>

---Logging off of STN---

=>

Executing the logoff script...

=> LOG Y

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FULL ESTIMATED COST	0.32	153.40
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	0.00	-1.24

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